

REMARKS

Claims 21-23, 25, 42-64 and 68-70 are pending with claims 21, 47 and 56 being independent. Independent claims 21, 47 and 56 have been amended. Support for the amendments may be found in the application at FIGS. 17A-B and the accompanying text at page 15, line 4 to page 16, line 4. No new matter has been introduced.

The claims have been rejected under 35 U.S.C. 112, second paragraph, as being indefinite. Applicant has amended the independent claims to eliminate the language that the Examiner found to be objectionable and, for at least this reason, requests reconsideration and withdrawal of this rejection.

Claims 21, 42, 43, 47, 51 and 52 have been rejected as being unpatentable over Iwasaki in view of either Gates or Gosain. Applicant requests reconsideration and withdrawal of this rejection because neither Iwasaki, Gates, Gosain, nor any proper combination of the three describes or suggests a semiconductor film that includes first and second crystals with a grain boundary located between the first and second crystals, where lattices are continuously connected to each other at the grain boundary, and first lattice images in a direction parallel to the grain boundary in the first crystal are different from second lattice images in the direction parallel to the grain boundary in the second crystal, as recited in each of independent claims 21 and 47.

Claims 22 and 48 have been rejected as being unpatentable over Iwasaki in view of either Gates or Gosain, and further in view of Erhart (U.S. Patent No. 5,572,211). Applicant requests reconsideration and withdrawal of this rejection because Erhart does not remedy the failure of Iwasaki, Gates and Gosain to describe or suggest the subject matter of claims 21 and 47, from which claims 22 and 48 depend.

Claims 23, 25, 46, 49, 50 and 55 have been rejected as being unpatentable over Iwasaki in view of Gates or Gosain, and further in view of den Boer (U.S. Patent No. 5,539,219). Applicant requests reconsideration and withdrawal of this rejection because den Boer does not remedy the failure of Iwasaki, Gates and Gosain to describe or suggest the subject matter of claims 21 and 47, from which claims 23, 25, 46, 49, 50 and 55 depend.

Claims 44, 45, 53 and 54 have been rejected as being unpatentable over Iwasaki in view of Gates or Gosain, and further in view of Kobayashi (U.S. Patent No. 3,925,803). Applicant requests reconsideration and withdrawal of this rejection because Kobayashi does not remedy the failure of Iwasaki, Gates and Gosain to describe or suggest the subject matter of claims 21 and 47, from which claims 44, 45, 53 and 54 depend.

Claims 56 and 60-61 have been rejected as being unpatentable over Iwasaki in view of Inoue (U.S. Patent No. 6,153,893), and further in view of Gates or Gosain. Applicant requests reconsideration and withdrawal of this rejection because neither Iwasaki, Inoue, Gates, Gosain, nor any proper combination of the four describes or suggests a semiconductor film that includes first and second crystals with a grain boundary located between the first and second crystals, where lattices are continuously connected to each other at the grain boundary, and first lattice images in a direction parallel to the grain boundary in the first crystal are different from second lattice images in the direction parallel to the grain boundary in the second crystal, as recited in independent claim 56.

Claim 57 has been rejected as being unpatentable over Iwasaki in view of Inoue and either Gates or Gosain, and further in view of Erhart. Applicant requests reconsideration and withdrawal of this rejection because Erhart does not remedy the failure of Iwasaki, Inoue, Gates and Gosain to describe or suggest the subject matter of claim 56, from which claim 57 depends.

Claims 58, 59 and 64 have been rejected as being unpatentable over Iwasaki in view of Inoue and Gates or Gosain, and further in view of den Boer. Applicant requests reconsideration and withdrawal of this rejection because den Boer does not remedy the failure of Iwasaki, Inoue, Gates and Gosain to describe or suggest the subject matter of claim 56, from which claims 58, 59 and 64 depend.

Claims 62 and 63 have been rejected as being unpatentable over Iwasaki in view of Inoue and Gates or Gosain, and further in view of Kobayashi. Applicant requests reconsideration and withdrawal of this rejection because Kobayashi does not remedy the failure of Iwasaki, Inoue, Gates and Gosain to describe or suggest the subject matter of claim 56, from which claims 62 and 63 depend.

Claims 68 and 69 has been rejected as being unpatentable over Iwasaki in view of Gates or Gosain, and further in view of Tran (U.S. Patent No. 5,534,445). Applicant requests reconsideration and withdrawal of this rejection because Tran does not remedy the failure of Iwasaki, Gates and Gosain to describe or suggest the subject matter of claims 21 and 47, from which claims 68 and 69 depend.

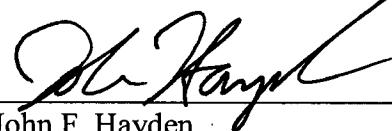
Claim 70 has been rejected as being unpatentable over Iwasaki in view of Inoue and Gates or Gosain, and further in view of Tran. Applicant requests reconsideration and withdrawal of this rejection because Tran does not remedy the failure of Iwasaki, Inoue, Gates and Gosain to describe or suggest the subject matter of claim 56, from which claim 70 depends.

Claims 21, 44 and 45 have been rejected for obviousness-type double patenting as being unpatentable over claim 5 of U.S. Patent 6,380,560 in view of either Gates or Gosain in the Office Action. Applicant requests reconsideration and withdrawal of this rejection in view of the amendment of claim 21.

In light of the amendment to independent claim 21, the double patenting rejection is believed to no longer be applicable.

The fee in the amount of \$460 for a two-month extension of time is being paid concurrently herewith on the electronic filing system (EFS) by way of deposit account authorization. Please apply any other charges or credits to Deposit Account No. 06-1050 referencing Attorney Docket No. 07977-0218003.

Respectfully submitted,

  
John F. Hayden  
Reg. No. 37640

Date: August 26, 2008

Customer No. 26171  
Fish & Richardson P.C.  
1425 K Street, N.W., 11th Floor  
Washington, DC 20005-3500  
Telephone: (202) 783-5070  
Facsimile: (202) 783-2331

40510185